

# Weekly Metrics for December 15 - 21, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMT S (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	88	A
		L1 Prod	GSFC	400	1X Baseline	443	A
		Archive	GSFC	498	1X Baseline	536	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	0	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	6	C
	CERES	Archive	LaRC	58	Baseline	Included	See Footnote S
		Distribution	LaRC	1,421	IT Requirements	In Terra	
		Testing/QA End Users		107	1X Baseline	CERES	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	488	R R R R
		L1 Prod	GSFC	2,498	1X Baseline	2,390	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	1,895	
		Archive	EDC	540	Baseline	745	
			GSFC	3,172	Baseline	3,873	
			NSIDC	56	Baseline	179	
		Distribution	GSFC	362	IT Requirements	434	
		Testing/QA To MODAPS/LaRC				2,098	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	3	W
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	465	E
		L1B Ingest	EDC	271	1X Baseline	85	E
		L2-L3 Prod	EDC	1,203	3X Baseline	255	E
		Archive	EDC	2,154	Baseline	1,034	E
		Distribution	EDC	1,352	1X Baseline	526	G, O, P
	CERES	Archive	LaRC	351	Baseline	879	S
		Distribution	LaRC	1,421	IT Requirements	75	S
		Testing/QA End Users		117	1X Baseline	147	G, S
	MISR	L0 Ingest	LaRC	249	1X Baseline	299	F F F
		L1 Prod	LaRC	3,323	3X Baseline	3,628	
		L2-L3 Prod	LaRC	281	3X Baseline	206	
		Archive	LaRC	3,853	Baseline	4,148	F
		Distribution	LaRC	1,201	1X Baseline	2,361	G
	MODIS	L0 Ingest	GSFC	469	1X Baseline	498	M Q, U I, Q I, Q I, Q O G, O
		L1 Prod	GSFC	7,494	3X Baseline	11,779	
		L2-L4 Prod	MODAPS	14,254	3X Baseline	5,718	
		Archive	EDC	8,606	Baseline (L2-L4)	3,633	
			GSFC	12,772	Baseline (L0-L4)	14,005	
			JPL	0	Baseline (L2-3)	25	
			NSIDC	839	Baseline (L2-L3)	399	
		Distribution	EDC	2,869	1X Baseline	1,783	
		End Users					
		Distribution	GSFC	362	IT Requirements	1,160	
		Testing/QA To MODAPS/LaRC				8,715	
		End users		4,101	1X Baseline	3,869	

		Distribution <i>End Users</i> Distribution <i>End Users</i>	JPL  NSIDC	0  280	Baseline  1X Baseline	0.4  82	  G
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>End Users</i>	LaRC SIPS SIPS LaRC LaRC	2 2 2 5 1	1X Baseline 3X Baseline 3X Baseline Baseline 1X Baseline	1 2 3 5 10	V J J J G
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	1,780 166	X G
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	 NA	 NA	2 5	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	 109	 Weekly Average	22 178	 K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	 24	 Weekly Average	0 58	 K
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	 NA	 NA	185 36	 L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. The Japanese EOC is not planning to process and send any more AMSR-E data to US until AMSR-E calibration method is well established. It is expected that calibration will not be completed until February 2003.
- D. Data from these instruments are not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- F. Actual archival volume includes the reprocessed L1 and L2 data for February 2002.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. During this report period, MOPITT SIPS has re-processed and delivered L1/L2 data for the selected months of the year 2000 – 2001 data.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials, in addition to AVHRR SST products.
- M. Actual archival volume includes the reprocessed data for May/June/December 2000 and January 2001, in addition to the current data.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. Landsat-7 program changed global coverage and a fewer number of scenes were captured by the satellite.
- U. With the completion of the reprocessing of ocean products, only atmospheric products were reprocessed.
- V. MOPITT was in stand-by mode for 5 days (12/15 – 12/19).
- W. Actual archival volume includes the October and November 2002 L0 data.
- X. Actual archival volume includes the WRS scene data (L70RWRS) generated at EDC, in addition to the ingested raw data (L70R).

\* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).